SHARON M. ROY

2087 Richard Ave, White Bear Lake, MN 55110 | 651-413-1842 | sziebe@gmail.com

Software Engineer

Technical Tools and Skills

Skills:

Software Development	Software Architecture	SDLC
System Integrations	Desktop Applications	Web Applications
Web Services	ETL	Project Management
Workflow Automation	Legacy Conversions	Platform Migrations

Tools and Frameworks:

Visual Studio	Visual Studio Code	.Net Framework	ASP.Net Core
SQL Server	Entity Framework	ADO.Net	ASP.Net MVC
Node.js	Express.js	React.js	jQuery
AJAX	Bootstrap	MongoDB	MySQL
Azure DevOps	Git	TFS	SVN
Crystal Reports	SSIS	SSRS	SignalR

Programming and Syntax Languages:

C#	JavaScript	HTML5	T-SQL
VB.Net	CSS3	XML	JSON
Delphi	C/C++	Classic ASP	COBOL
Pascal	Visual Basic 5/6	Sungard OmniScript	VBScript

Professional Experience

Project Consultant, 10/2020 to present – ROBERT HALF TECHNOLOGY, Bloomington, MN
- Contract development to add enhancements to a suite of Windows desktop applications. Utilizing .Net Framework, C# and VB.Net, SQL, Entity Framework, WPF and XAML, Web API, Unit Testing, Agile.

Senior Software Engineer/Project Lead, 10/2015 to 5/2020 – MHC SOFTWARE, Burnsville, MN
- Principle software engineer, leading efforts to modernize legacy WinForm desktop applications, Windows services, and Web APIs.
- Worked with business management to analyze, design, and develop clean, scalable solutions utilizing the Microsoft .Net technology platform tools, including C#, VB.Net, ADO.Net, ASP.Net, .Net Core, EF.
- Demonstrated strong understanding of end-to-end SDLC stages and methodologies, Agile principles.
- Expertise in the programmatic drawing and rendering of custom business forms and documents, and in distributed high-volume batch printing solutions.
- Mentored and provided technical guidance on best practices and proven techniques for less-experienced developers. Participated and led collaborative discussions on current and future projects. Conducted technical reviews.

Information Engineer/.Net Developer Lead, 3/2015 to 10/2015 – TRAVELERS INSURANCE, Saint Paul, MN
- .Net Development and technical lead on the Bond and Financial Products Document Services team.
- Assisted business analysts and project leads in formulating design specifications, establishing team estimates and schedules.
- VB.Net and C# development, technical documentation, technical and analytical support.

Enterprise Application Integration Engineer II, 9/2011 to 3/2015 – DELUXE CORPORATION, Shoreview, MN
- Provided development and technical support to a custom printing subsidiary held by Deluxe. Assisted with security and application migration across domains.
- Led projects to upgrade and enhance custom software for print order management, inventory control, and online marketing campaign services.
- Utilized advanced SQL skills: relational data modeling, SSIS, SSRS, stored procedures, functions, triggers, T-SQL.
- Conducted training and mentoring for development interns and other IT team members.

Senior Programmer Analyst, 6/2003 to 9/2011 – ALERUS FINANCIAL, St. Paul, MN
- Participated in projects in a variety of capacities, including project manager, technical analyst, lead developer, and tester.
- Learned SQL database administration, advanced T-SQL, and ASP.Net web development while creating a data warehouse and reporting system, a public single sign-on and multi-factor authentication portal, and several other internal and customer facing web and desktop applications.
- Performed duties of IT Support Specialist, spending a portion of my time on help desk and overnight/weekend support rotations for all banking systems.
- Senior technical business analyst for Alerus Retirement Solutions. System support specialist and principle OmniScript programmer for Sungard OmniPlus Retirement Recordkeeping system.

Lead Macintosh Software Engineer, 11/1996 to 7/2002 – AATRIX SOFTWARE, Grand Forks, ND
- Nearly 6 years participating and then leading in all phases of SDLC for a commercial small business accounting software package called Mac P&L. Responsible for three major and eight minor upgrades of the software, including a major upgrade for platform migration from Mac OS Classic to Mac OS X, and a database engine replacement. Primary languages used for MacOS development were Pascal and C/C++.
- Developed database utilities for customer upgrades, conversions, and data migrations. Performed in-house database repairs and modifications for customers. Assisted support staff with technical documentation and support processes.

More history by request (1989 – 1995)

Education

University of Minnesota, Full Stack Coding Boot Camp, 9/2020 - 3/2021
- Acquiring skills that are in high demand as a full stack web developer

University of North Dakota, Grand Forks, North Dakota, 8/2002 - 5/2003
- Thirteen credits completed towards Master's degree in Computer Science. GPA 3.5
- Concentration of studies on Software Engineering and Database Management Systems

University of North Dakota, Grand Forks, North Dakota, 1993 - 1995
- 1995 BS in Computer Science, Minor in Mathematics. Other major concentration: Physics. GPA 3.55
- Special Projects and Interests: Artificial Intelligence, Expert Systems, Operations Research

Louisiana State University, Shreveport, Louisiana, 1992 - 1993
- Concentration of studies in Computer Science. Dean's List, Fall 1992

Trenton State College, Trenton, New Jersey, 1981 - 1984
- Concentration of studies in Physics, Mathematics, Computer Science